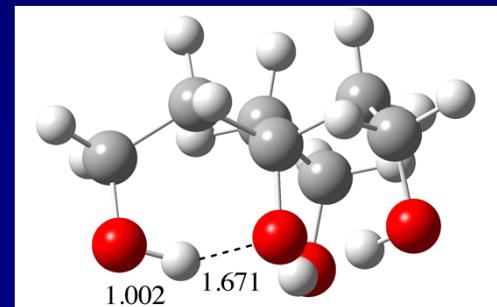
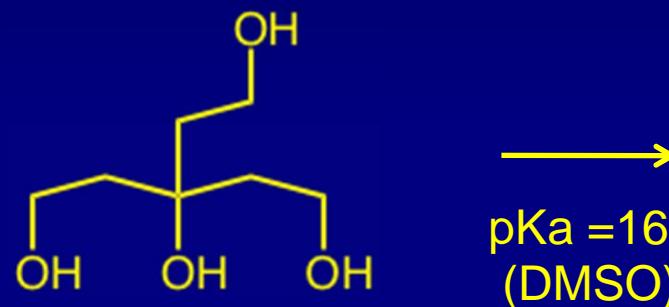
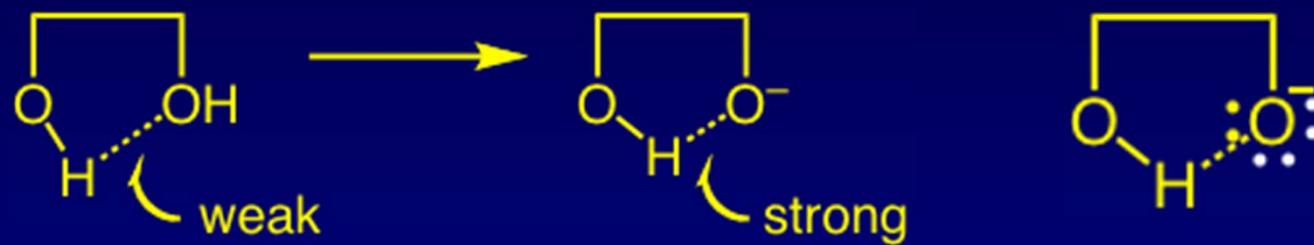
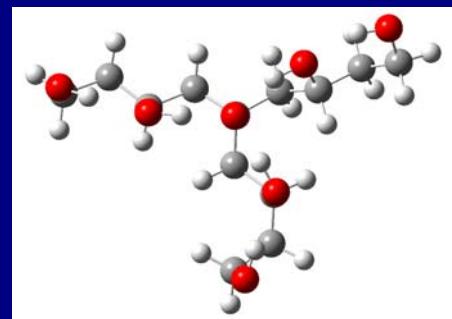


How Do Intramolecular Hydrogen Bonds Affect Acidities and Basicities?

Steven R. Kass, Department of Chemistry, University of Minnesota
St. Paul, MN 55455



$$\Delta H^\circ_{\text{acid}} (\text{tetraol}) = \Delta H^\circ_{\text{acid}} (\text{HCl}), \text{EA}(\text{HOCH}_2\text{CH}_2)_3\text{CO}) > \text{EA}(\text{Cl})$$



$$\Delta H^\circ_{\text{acid}} (\text{heptaol}) = \Delta H^\circ_{\text{acid}} (\text{HI}), \text{EA}(\text{HOCH}_2\text{CH}_2)_3\text{CO}) > \text{EA}(\text{NO}_3) \& \text{ EA}(\text{ClO}_3)$$